

Black carbon: Linkages between climate, air quality and public health

Author(s):	Sasser EN
Conference:	Workshop on Diesel Emissions, Pollution Mitigation, and Clean and Alternative Technologies in the Arctic held 6-7 October 2011 (Moscow, Russia)
Year:	2011
Publisher:	Russian Ministry of Natural Resources and Environment (MNRE)

Abstract:

Presentation at the Workshop on Diesel Emissions, Pollution Mitigation, and Clean and Alternative Technologies in the Arctic, Moscow, October 6, 2011. Key Messages: (1) BC reductions are extremely important for air quality and climate; (2) Reducing BC can help prevent rapid near-term climate change and the melting of ice, snow and glaciers; (3) Reductions in BC and other PM_{2.5} will also provide large, certain public health benefits.

Source:

http://www.russianarcticbc.org/documents/presentations/2011_10_06/SASSER%20%20BC%20Air%20Quality%20and%20Health%2010%206%202011

Resource Description

Exposure : ☐

weather or climate related pathway by which climate change affects health

Air Pollution, Indoor Environment

Air Pollution: Ozone, Particulate Matter, Other Air Pollution

Air Pollution (other): black carbon

Geographic Feature: ☐

resource focuses on specific type of geography

None or Unspecified

Geographic Location: ☐

resource focuses on specific location

United States

Health Co-Benefit/Co-Harm (Adaption/Mitigation): ☐

specification of beneficial or harmful impacts to health resulting from efforts to reduce or cope with greenhouse gases

A focus of content

Health Impact: ☐

specification of health effect or disease related to climate change exposure

Cancer, Cardiovascular Effect, Developmental Effect, Respiratory Effect

Cardiovascular Effect: Heart Attack, Stroke, Other Cardiovascular Effect

Cardiovascular Disease (other): cardiovascular disease mortality

Developmental Effect: Reproductive

Respiratory Effect: Asthma, Bronchitis/Pneumonia, Chronic Obstructive Pulmonary Disease

Mitigation/Adaptation: ☐

mitigation or adaptation strategy is a focus of resource

Mitigation

Model/Methodology: ☐

type of model used or methodology development is a focus of resource

Cost/Economic, Other Projection Model/Methodology

Climate Change and Human Health Literature Portal

Other Projection Model/Methodology: discussion only

Resource Type: ☐

format or standard characteristic of resource

Multimedia

Timescale: ☐

time period studied

Time Scale Unspecified